



## NWS DES MOINES WEBSITE GUIDE

**WEATHER.GOV/  
DESMOINES**

### HIGHLIGHTS

- **Top News:** Weather Headlines/Office News
- **Tabs above map:** Access hazardous weather watches, warnings and advisories, hydrologic, climate, and fire weather information, along with observations and graphical forecasts by clicking the corresponding tab (*Climate Tab highlighted on the back page*)
- **Map:** Click location for the latest forecast/nearby observation
- **Left-Hand Column:** Links to additional pages containing current/forecast/past weather info, hydrologic info, safety and educational materials, and additional office information



To access the daily and monthly weather and climate summaries, (*work left to right*) select the desired product, location, and time, then hit “GO”

Observed Weather Reports

1. Product »  
☒ Daily Climate Report (CLI)  
☐ Preliminary Monthly Climate Data (CF6)  
☐ Record Event Report (RER)  
☐ Monthly Weather Summary (CLM)  
☐ Regional Summary (RTP)  
☐ State Summary (Temp/Precip)

2. Location »  
Des Moines  
Waterloo  
Mason City  
Ottumwa  
Marshalltown  
Lamoni  
Ames

3. Timeframe »  
☒ Most Recent  
☐ Archived Data:  
July 31st, 2009  
July 30th, 2009  
July 29th, 2009  
July 28th, 2009  
July 27th, 2009  
July 26th, 2009

4. View »  
**Go**

Storm Event Database (SPC)  
Storm Data (HCDC)

### Products

- **Daily Climate Report (CLI):** Report of daily weather conditions from major cities across central Iowa
- **Preliminary Monthly Climate Data (CF6):** Daily weather statistics for a month from major cities across central Iowa
- **Record Event Report (RER):** Issued when a weather record is set or tied
- **Monthly Weather Summary (CLM):** Weather statistics issued monthly for Des Moines & Waterloo
- **Regional Summary (RTP):** Min/max temp and precipitation information for cities across central Iowa issued multiple times per day
- **State Summary (STP):** Statewide min/max temp and precipitation information issued multiple times per day

Access the Storm Prediction Center’s “*Storm Event Database*” or the National Climatic Data Center’s “*Storm Data*” database to search for severe winter and summer weather reports by clicking the associated links below the product selection area

## Climate

Observed Weather Reports

Observed Weather | Climate Locations | Climate Prediction | Climate Resources | Local Data/Records | Astronomical | NOWData

Unique Local Climate Data

Climate Data

- Daily CoCoRaHS Precipitation Summary
- Des Moines Normals
- Waterloo Normals
- Des Moines: January Temperature & Precipitation Records
- Des Moines: February Temperature & Precipitation Records
- Des Moines: March Temperature & Precipitation Records
- Des Moines: April Temperature & Precipitation Records
- Des Moines: May Temperature & Precipitation Records
- Des Moines: June Temperature & Precipitation Records
- Des Moines: July Temperature & Precipitation Records
- Des Moines: August Temperature & Precipitation Records
- Des Moines: September Temperature & Precipitation Records
- Des Moines: October Temperature & Precipitation Records
- Des Moines: November Temperature & Precipitation Records
- Des Moines: December Temperature & Precipitation Records
- Waterloo: January Temperature & Precipitation Records
- Waterloo: February Temperature & Precipitation Records
- Waterloo: March Temperature & Precipitation Records
- Waterloo: April Temperature & Precipitation Records
- Waterloo: May Temperature & Precipitation Records
- Waterloo: June Temperature & Precipitation Records
- Waterloo: July Temperature & Precipitation Records
- Waterloo: August Temperature & Precipitation Records
- Waterloo: September Temperature & Precipitation Records
- Waterloo: October Temperature & Precipitation Records
- Waterloo: November Temperature & Precipitation Records
- Waterloo: December Temperature & Precipitation Records

Local Climate Studies

- Iowa Tornado Climatology (pdf)
- Iowa State Fair Climatology (pdf)
- Snowstorm and State Basketball Tournament Facts

Climate Graphs

- Daily Cooperative Observer Plots
- Average Date of the First 32F Temperature in the Autumn for Iowa
- Average Date of the Last 32F Temperature in the Spring for Iowa
- Des Moines Temperature and Precipitation Charts for 2008
- Mason City Temperature and Precipitation Charts for 2008
- Ottumwa Temperature and Precipitation Charts for 2007
- Waterloo Temperature and Precipitation Charts for 2008
- Des Moines Temperature and Precipitation Charts for 2007
- Mason City Temperature and Precipitation Charts for 2007
- Ottumwa Temperature and Precipitation Charts for 2007
- Waterloo Temperature and Precipitation Charts for 2007
- Des Moines Temperature and Precipitation Charts for 2006
- Mason City Temperature and Precipitation Charts for 2006
- Ottumwa Temperature and Precipitation Charts for 2006
- Waterloo Temperature and Precipitation Charts for 2006

Other

- CRH Climate Resources Page
- Using Intra-seasonal Indices in Daily Forecast Preparation

### Products

- Daily CoCoRaHS Precipitation Summary
- Des Moines & Waterloo Normals
- Des Moines & Waterloo monthly Temperature and Precipitation records
- Iowa Tornado, State Fair, and State BB Climatology
- Climate Graphs for daily COOP Observer plots, average first/last 32F dates
- Des Moines, Ottumwa, Mason City and Waterloo Temperature & Precipitation Charts for previous years

To access daily data, monthly averages, extremes, and normals, (*work left to right*) select the desired product, location, variable, and year, then hit “GO”

NOWData - NOAA Online Weather Data

Observed Weather | Climate Locations | Climate Prediction | Climate Resources | Local Data/Records | Astronomical | NOWData

1. Product »  
☐ Daily data for a month  
☐ Daily almanac  
☒ Monthly avgs/totals  
☐ Monthly occurrences  
☐ Monthly extremes  
☐ Daily extremes  
☐ Daily/monthly normals  
☐ Record extremes  
☐ First/last dates

2. Location »  
Des Moines Area  
Waterloo Area  
Albia 3 Nw, IA  
Ames 8 Wsw, IA  
Ames 5 Se, IA  
Ankeny, IA  
Atlantic 1 Ne, IA  
Audubon 1 Sse, IA  
Beaconsfield, IA  
Bedford, IA

3. Variable »  
☒ Max Temperature  
☐ Min Temperature  
☐ Avg Temperature  
☐ Precipitation  
☐ Snowfall  
☐ Snow Depth  
☐ Heating Degree Days  
☐ Cooling Degree Days  
☐ Growing Degree Days

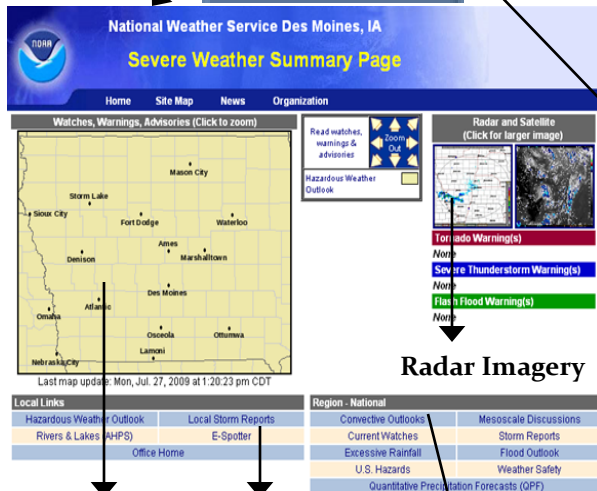
4. Year »  
☒ Current year  
☐ Last year  
☐ 1971-2000

5. View »  
**Go**

### Products

- **Daily Data for a month:** Provides daily max, min, and average temperatures, heating and cooling degree days, precipitation, snowfall and snow depth for all days of the current or previous month.
- **Daily Almanac:** Temperature, precipitation, snowfall and snow depth data for the requested day and for the month throughout that date
- **Monthly Avgs/totals:** Calculates the averages or totals, as appropriate, for the selected variable for each month of the year.
- **Monthly Occurrences:** Counts the frequency of occurrence (number of days) that the specified criteria is met for each month of the year
- **Monthly Extremes:** Finds the extreme daily value (highest or lowest) for each month of the year.
- **Daily Extremes:** Find the extreme value (highest or lowest) on record for each calendar day of the year
- **Daily/Monthly Normals:** Daily and monthly official temperatures and degree day normals for the 30 year period of 1971-2000
- **Record Extremes:** Search for the top ten extreme values (highest or lowest) for any day during the station’s period of record
- **First/Last Dates:** Determines annual first and last dates of event occurrences. Available for this year, last year, or the 30 year period of 1971-2000

## Watches & Warnings



## Radar Imagery

Warning Map Storm Reports

Severe Outlooks

## "Items of Interest" Link

Contains links to a sunrise & sunset calculator, weather calculators, Iowa Outreach, Media Guide, Storm Surveys, Service Assessments, and all of the "Products we issue".

Access the daily weather story, radar imagery, satellite imagery, surface front analysis, severe weather outlook, and climate plots by clicking the corresponding image below the map

270-2614: Call 24 hours a day to access the official NWS Forecast for Des Moines

## Top News of the Day

This area is updated often with weather headlines for hazardous weather, news headlines containing climate or observational information, and office headlines that highlight new products or link to NOAA news releases

## Rivers & Lakes

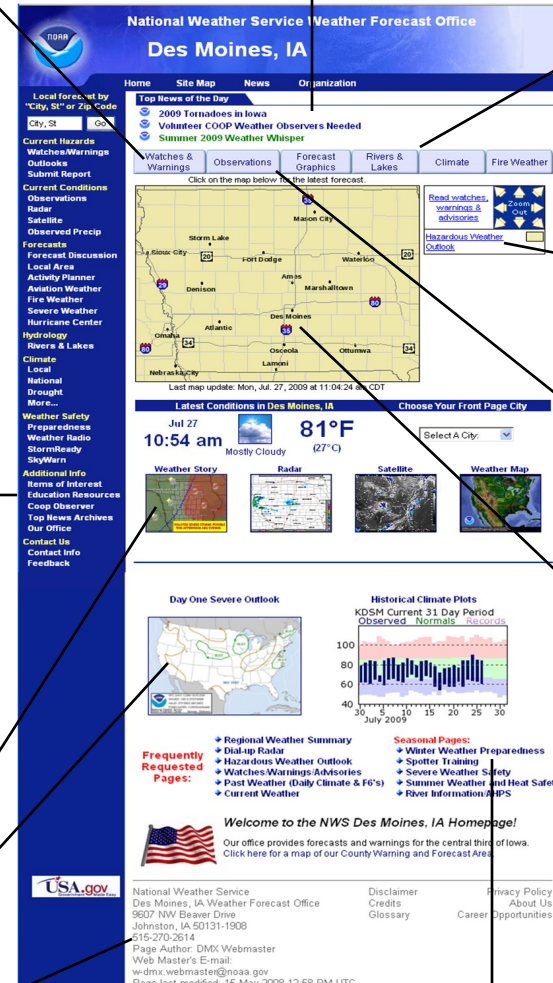
Click the  or  symbol to reach the National NWS page or the NOAA homepage

Watches/Warnings/Advisories/Outlooks in effect for any county will cause the county to be highlighted a specific color for that corresponding product

Click on the "Observations" tab to check out the hourly conditions across Iowa, or click the "Forecast Graphics" tab to see the latest digital forecast grids issued by NWS DMX

## Point and Click Forecast Map

Click any point on the map for the 7 day forecast. Access surrounding offices by clicking the arrows

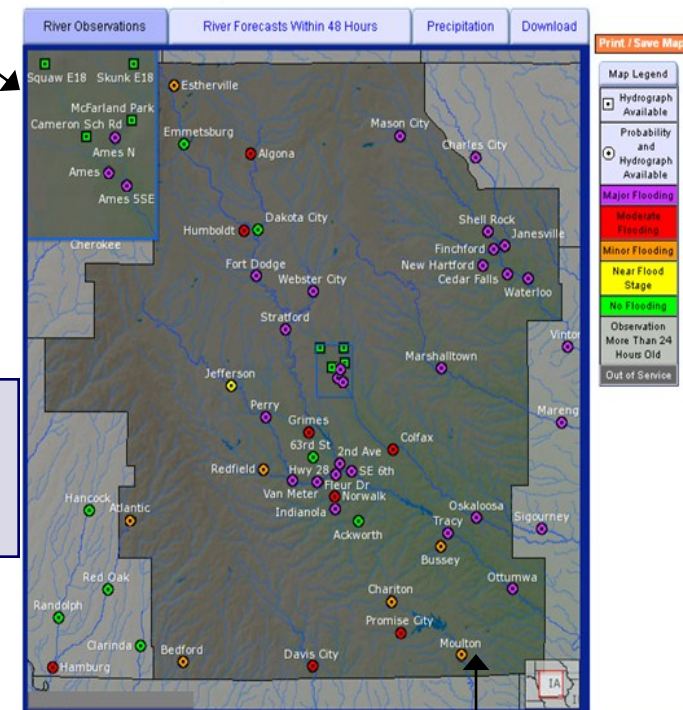



For information on how to become a NWS Storm Spotter, click the "Spotter Training" link

\*\*\*Also follow the links to weather safety and preparedness information



Weather Forecast Office Des Moines, IA



Click on a station  to access the current river stage and the river forecast

- On the Main Page...  
Access Inundation maps, reservoir levels, past & future precip maps, and downloadable GIS information by clicking on the associated links below the map
- On each Station page...  
Access Historical Crests, Flood Impact Stages, and Probability Forecasts explaining the chances a river will reach a certain stage

